Abstract of the Disclosure

A drilling device for frameless glasses with a drill head (34), which can be moved up and down. The drill head (34) can be inclined to either side and a holding device (50, 56, 58) is provided for the two lenses of a pair of glasses, in which holding device (50, 56, 58) the opposite edge regions of the lenses are accessible to the drill bit of the dual head (34).